

Enclosure 2
FACT SHEET FOR TENTATIVE ADDENDUM NO. 1 TO
ORDER NO. R9-1998-0009, WOODS VALLEY RANCH

FACILITY DESCRIPTION

The Valley Center Municipal Water District (VCMWD) owns and operates the Woods Valley Ranch Water Reclamation Facility (WVRWRF). Under Waste Discharge Requirements (WDRs) Order No. R9-1998-0009, the facility treats up to 0.070 million gallons per day (MGD) of tertiary wastewater that is recycled for irrigation of a golf course.

The WVRWRF is located east of Valley Center Road near Woods Valley Road in the community of Valley Center within unincorporated San Diego County. The wastewater treatment process preliminary treatment with bars/screens, secondary/tertiary treatment using a membrane bioreactor process, aerobic solids digestion, flow equalization, and chlorination disinfection. The expanded treatment plant will consist of these same processes.¹

PROPOSED EXPANSION

On February 2, 2006, VCMWD submitted a Report of Waste Discharge to expand the WVRWRF to accommodate the wastewater flows from the proposed Orchard Run development as an alternative to construction of a new water reclamation plant at the site.² The Regional Board has already issued WDRs Order No. R9-2002-0336 to the VCMWD to discharge up to 0.077 MGD of tertiary wastewater from a new reclamation plant to 35-acres of open space at Orchard Run development. The WVRWRF's flow capacity would increase from 0.070 MGD to 0.147 MGD and the Orchard Run Water Reclamation Facility would be eliminated. Reclaimed water distribution and storage facilities are still proposed to be constructed at Orchard Run.³

DISCHARGE SPECIFICATIONS

No changes are proposed to the effluent limits of Order No. R9-1998-0009 since the quality of the wastewater is expected to be similar to the Woods Valley. The capacity of the WVRWRF shall not be expanded until VCMWD completes a certification report, demonstrates adequate wet weather storage, submits approved Title 22 Engineering Report, receives a Regional Board inspection of new/expanded facilities, receives Regional Board notification to allow discharge.⁴

¹ Valley Center Municipal Water District, 2006. Report of Waste Discharge for Relocation of Orchard Run Wastewater Treatment Facilities, Page 2-1.

² Ibid.

³ Ibid. Chapter 2

⁴ San Diego Regional Water Quality Control Board. 2006. Tentative Addendum No. 1 to Order No. R9-1998-0009. Task 1.

The 29.5 acre-feet of wet weather recycled water storage capacity in the tentative addendum were established by adding 84-days of storage for Orchard Run and 45-days of storage allowed for Woods Valley.⁵

MONITORING & REPORTING CHANGES

Order No. R9-1998-0009 does not require that nitrogen and its various forms be monitored in the effluent. Nitrate, nitrite, total Kjeldahl nitrogen, and total nitrogen has been added to the effluent monitoring and reporting program to ensure that the amount of nitrogen (from the effluent and any commercial fertilizers) applied to irrigation use sites does not exceed the uptake capacity of the vegetation and to prevent leaching of excess nitrogen past the root zone.

RULES AND REGULATIONS FOR RECYCLED WATER USE SITES

A new rule is required to be added to VCMWD's Rules and Regulations for Recycled Water Use Sites to address proper application of commercial fertilizers when using recycled water to irrigate vegetation. The rule has been added to prevent the discharge of excess nitrogen past the root zone that could impact underlying groundwater quality.

PUBLIC PARTICIPATION

1. Notification of Interested Parties

The Regional Board has notified VCMWD, interested agencies and persons of its intent to prescribe WDRs for the increased discharge from the WVRWRF and provided them with an opportunity to submit their written comments and recommendations. Notification was provided through letter dated June 23, 2006 and posting of the item on the Regional Board web page.

2. Written Comments

Interested persons are invited to submit written comments concerning this tentative addendum. Comments should be submitted either in person or by mail to the Executive Officer at the Regional Board address listed on the cover letter to this tentative addendum.

To ensure the Regional Board has the opportunity to fully study and consider written material, comments should be received in the Regional Board's office no later than 5:00 P.M. on Wednesday, August 2, 2006.

⁵ San Diego Regional Water Quality Control Board. 1998. Order No. R9-1998-0009. Finding 12.

3. Public Hearing

The Regional Board will hold a public hearing on the tentative addendum during the regular Board meeting on the following date and time and at the following location:

Date: August 16, 2006
Time: 9:00 AM
Location: Water Quality Control Board
Regional Board Meeting Room
9174 Sky Park Court , Suite 100
San Diego, CA 92123

Interested persons are invited to attend. The tentative addendum is considered non-controversial and listed on the consent calendar that does not receive discussion. If there is a public interest, concern, or discussion regarding any consent calendar item or a request for a public hearing, then the tentative addendum will be removed from the consent calendar and considered after all other agenda items have been completed.

Please be aware that dates and venues may change. Our web address is www.waterboards.ca.gov/sandiego where interested persons can access the current agenda for changes in dates and locations.